

[illegible]

The figure consists of 10 small histograms arranged horizontally, labeled \$k=1\$ through \$k=10\$. Each histogram shows the frequency of the number of non-zero elements in the vector \$\mathbf{x}\_k^T \mathbf{A} \mathbf{x}\_k\$. The x-axis for each plot ranges from approximately 80 to 140, and the y-axis ranges from 0 to 10. The distributions are roughly bell-shaped and centered around 100.

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